SEQUENCE LISTING

- <110> Cohen, David I.
- <120> Tat-based Immunomodulatory Compositions and Methods for Their Discovery and Use
- <130> 51311-00009
- <140> US 10/598,978
- <141> 2006-09-15
- <150> 60/553,733
- <151> 2004-03-16
- <150> PCT/US05/008694
- <151> 2005-03-16
- <160> 11
- <170> PatentIn version 3.3
- <210> 1
- <211> 101
- <212> PRT
- <213> Human immunodeficiency virus type 1
- <400> 1
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- Gln Pro Lys Thr Ala Cys Thr Thr Cys Tyr Cys Lys Lys Cys Cys Phe 202530
- His Cys Gln Val Cys Phe Thr Lys Lys Ala Leu Gly Ile Ser Tyr Gly 35 40 45
- Arg Lys Lys Arg Arg Gln Arg Arg Arg Ala Pro Glu Asp Ser Gln Thr 50
- His Gln Val Ser Pro Pro Lys Gln Pro Ala Pro Gln Phe Arg Gly Asp 65 70 75 80
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aaqqccttqq qcatcaqcta cggccqcaag aagcgccggc agcgccgccg ggcccctgag
                                                                    180
gacagecaga eccaccaggt gageettee aagcageeg etcacagtt eegeggegae
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<212> PRT

<213> Artificial

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<223> Modified immunostimulatory Tat

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Val Cys Phe Thr Lys Lys Ala Leu Gly Ile Ser Tyr Gly Arg Lys Lys 40 45

Arg Arg Gln Arg Arg Arg Ala Pro Glu Asp Ser Gln Thr His Gln Val 50 55

Ser Pro Pro Lys Gln Pro Ala Pro Gln Phe Arg Gly Asp Pro Thr Gly

Pro Lys Glu Ser Lys Lys Val Glu Arg Glu Thr Glu Thr His Pro 8.5

Val Asp